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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,916	07/24/2001	Fabio Casati	10008278-1	4217

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
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EXAMINER

WOOD, WILLIAM H

ART UNIT PAPER NUMBER

2124

DATE MAILED: 10/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/911,916

Applicant(s)

CASATI ET AL.

Examiner

William H. Wood

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 July 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claims 1-35 are pending and have been examined.

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 24 July 2004 was considered by the examiner.

Drawings

2. The drawings submitted 24 July 2001 are approved.

Specification

3. The disclosure is objected to because of the following informalities: Application Number required in line 5 of page 1. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-32 are rejected under 35 U.S.C. 102(b) as being anticipated by **Casati** et al., "eFlow: a Platform for Developing and Managing Composite e-Services".

Claim 1

Casati disclosed an electronic metaservice methodology comprising:

- ♦ receiving a process definition (*page 341, section 1*);
- ♦ transforming the process definition into a composite process specification having a plurality of electronic services (*page 345-347, section 5*); and
- ♦ registering the composite process specification with at least one electronic service (*page 347, left column, first paragraph*).

Claim 2

Casati disclosed the methodology as set forth in claim 1, said transforming further comprising:

- ♦ determining which elements of the composite process constitute specific electronic services and said designating said as linked service nodes of a continuous flow defining said composite process (*page 344-347, sections 4 and 5*).

Claim 3

Casati disclosed the methodology as set forth in claim 2 wherein said designating comprises:

- ♦ configuring each of the said service nodes with service invocation setup requirements for an associated one of said electronic services (*page 344-345, section 4*).

Claim 4

Casati disclosed the methodology as set forth in claim 3 wherein said configuring further comprises:

- ♦ associating each of said service nodes with a sequential set of method nodes, wherein each said set of method nodes includes invocations of inherent operations associated with said associated one of said electronic services (*page 344-347, sections 4 and 5*).

Claim 5

Casati disclosed the methodology as set forth in claim 1 wherein said registering further comprises:

- ♦ establishing a repository of defined composite electronic services (*page 341, section 1; page 345-347, section 5; existing e-services*).

Casati disclosed the methodology as set forth in claim 5 wherein said transforming further comprises:

- ♦ using said defined composite electronic services in said repository for configuring other composite electronic services (*page 341, section 1; page 343, first paragraph under section 3*).

Art Unit: 2124

Claim 7

Casati disclosed the methodology as set forth in claim 1 wherein said receiving further comprises:

- ♦ receiving said process definition as a process flow language for composing e-services (*page 344-345, section 4, note parameters and language examples; page 345-347, section 5*).

Claim 8

Casati disclosed the methodology as set forth in claim 1 further comprises:

- ♦ providing ancillary functions selected from a group including: changing the process, managing individual electronic service definitions, monitoring run-time executions, and obtaining analytical-statistical reports regarding said process (*page 341, Abstract and section 1; page 345, left column, first full paragraph*).

Claim 9

Casati disclosed the methodology as set forth in claim 2 further comprises:

- ♦ allowing service providers to invoke said composite process as an individual electronic service via said existing electronic service (*page 341, Abstract; page 344-347, sections 4 and 5*).

Claim 10

Casati disclosed the methodology as set forth in claim 1 in an internet environment
(page 341, Abstract and section 1).

Claim 11

Casati disclosed the methodology as set forth in claim 1 wherein said at least one
electronic service is an electronic services platform (page 341, Abstract and section 1).

Claim 12

Casati disclosed the methodology as set forth in claim 1 wherein said at least one
electronic service is an electronic service directory (page 344, section 4.1, second
paragraph, "custoMove").

Claims 13-22

The limitations of claims 13-22 are substantially the same as the limitations for claims 1-
12 and as such are rejected in the same manner as claims 1-12. Electronic service
business is disclosed as well on page 344, section 4, first paragraph.

Claim 24

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for defining said specification (pages 343-347, sections 3-5).

Art Unit: 2124

Claim 25

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for forming a repository of a plurality of electronic services of a type of said first electronic service (*page 345-347, section 5; note repositories and abstracts*).

Claim 26

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for providing a work flow representative of said first composite electronic service such that said work flow is compatible with said electronic services platform structure (*page 344-347, sections 4 and 5*).

Claim 27

Casati disclosed the system as set forth in claim 26 further comprising:

- ♦ means for providing an interaction gateway between said means for providing a work flow and said electronic services platform (*page 341, Abstract; page 344-347, sections 4 and 5; note for example specified configuration parameters, templates and dynamic process evolution*).

Claim 28

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for monitoring said first electronic service (*page 341, Abstract*).

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for maintaining said first electronic service (*page 341, Abstract; page 344, section 4, first two paragraphs*).

Claim 30

Casati disclosed the system as set forth in claim 29 further comprising:

- ♦ means for updating said first electronic service after registration with said electronic services platform (*page 344-345, section 4*).

Claim 31

Casati disclosed the system as set forth in claim 29 further comprising:

- ♦ means for deleting said first electronic service from registration with said electronic services platform (*page 345, left column, first full paragraph*).

Claim 32

Casati disclosed the system as set forth in claim 23 further comprising:

- ♦ means for structuring said first electronic service to be compatible with a given said electronic services platform (*page 341, Abstract and section 1; page 344-347, sections 4 and 5*).

Art Unit: 2124

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Wood whose telephone number is (703)305-3305. The examiner can normally be reached 7:30am - 5:00pm Monday thru Thursday and 7:30am - 4:00pm every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (703)305-9662. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7239 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.



William H. Wood
September 25, 2004



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